

Title (en)

MULTI-SENSOR IRRADIANCE ESTIMATION

Title (de)

MEHRFACHSENSOR ZUR SCHÄTZUNG DER BESTRAHLUNGSSTÄRKE

Title (fr)

ESTIMATION D'ÉCLAIREMENT ÉNERGÉTIQUE À L'AIDE DE PLUSIEURS CAPTEURS

Publication

EP 3571480 A4 20210224 (EN)

Application

EP 17892899 A 20171214

Priority

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- US 2017066524 W 20171214

Abstract (en)

[origin: WO2018136175A1] The present disclosure is directed to devices and methods for simultaneously sensing irradiance with multiple photo sensors having different orientations, and determining direct and scattered components of the irradiance. One such device includes an aerial vehicle and an irradiance sensing device. The irradiance sensing device includes a base structure mounted to the aerial vehicle, and the base structure including a plurality of surfaces. A plurality of photo sensors are arranged on respective surfaces of the base structure, with each photo sensor having a different orientation.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- See also references of WO 2018136175A1

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DOCDB simple family (application)

US 2017066524 W 20171214; CN 201780083888 A 20171214; EP 17892899 A 20171214; JP 2019529189 A 20171214; US 201816037952 A 20180717